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23 September 1988

MEMORANDUM FOR: Chief, Information and Management Support Staff, OL

FROM: [REDACTED]

Chief, Printing and Photography Group, OL

SUBJECT: FY-92 Research and Development Requests

1. The Office of Logistics, Printing and Photography Group (OL/P&PG) requests the assistance of the Directorate of Science and Technology (DS&T) in identifying the problems and solutions related to the transfer of digitized data, both graphics and text, to presensitized printing plates.

2. Approximately 50 percent of P&PG's current production, which originates as digitized data, is black and white. The work enters P&PG production in two ways: 1) the Foreign Broadcast Information Service (FBIS) products, the Daily Reports and the Joint Publications Research Service Reports are retrieved [REDACTED] via fiber optics; 2) the majority of the remaining work of the black and white work, whether originated on a Wang, Shaftstall, VM, or ATEX, enters the production system via a VM link. This data must be exclusively text as opposed to that of the fiber-optic link which can handle line graphics and halftone photographs.

3. The capability of "going straight to plate" will allow P&PG to bypass the labor-intensive functions of camera and layout and thereby producing a substantial savings in film and paper. This would free two layout artists to concentrate on the ever-growing color production. It is conservatively estimated that a direct to plate capability will be applicable to 50 percent of the current P&PG workload or 2,800 printing plates per month.

4. The biggest challenge facing this technological development is that of page imposition upon the plate itself. Depending upon the bindery method chosen, (saddle, perfect bind, etc.), the juxtaposition of the pages change accordingly. This problem has not been solved by commercial developers, and P&PG wishes to solicit DS&T assistance in bridging this gap.

OL/P&PG/PP&SS [REDACTED] (23 Sept 88) [REDACTED]

Distribution

- Orig - Addressee
- 1 - OL/P&PG Official
- 1 - OL/P&PG Chrono
- 1 - OL/P&PG/PP&SS Chrono
- 1 - OL Files

OL 11074-88



OL Files

ROUTING AND RECORD SHEET

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SUBJECT: (Optional)

Significant Activities for FY-88

FROM:

C/P&PG/OL

EXTENSION

NO.

OL 11073-88

DATE

21 September 1988



6

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

C/IMSS/OL

Per your request, Significant Accomplishments FY-88 for P&PG.

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OL/P&PG

(22Sep88)

Distribution

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1 - OL/P&PG /PP&SS Official

✓ 1 - OL Files

FORM
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USE PREVIOUS
EDITIONS

Printing and Photography Group
Significant Accomplishments
FY-1988

25X1

5. Printing and Photography Group (P&PG) completed the printing of the unclassified version of the World Factbook in June 1988. This version contained 300 pages of text, 13 full color maps and required the printing of 25,102 copies which utilized almost 52,000 pounds of paper. This amount of paper is roughly equivalent to 189



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25X1 miles, enough to reach from Washington D.C. to Pittsburgh, Pennsylvania. These books were bound by a commercial binder. The classified version consists of 110 pages and 7,000 copies. []

25X1 6. FBIS Support--Printing and Photography Group (P&PG) continues to enhance support to the Foreign Broadcast Information Service (FBIS). FBIS requested three additional electronic compositors to satisfy their publishing requirements, and P&PG agreed to supply these personnel. This brings the number of positions at FBIS for staffing by P&PG to [] Additionally, approximately 70% of the Joint Publications Research Service (JPRS) reports have been added to the electronic publishing network with an impressive reduction in the numbers of finished pages produced due to compaction of text through typesetting. P&PG will continue to support the publishing requirements of FBIS, and a new Memorandum of Agreement between FBIS and P&PG is in final draft detailing the obligations and commitments of each component []

25X1 7. Videotape replication performed by the Printing and Photography Group (P&PG) has shown a remarkably sharp rise in the past few years. In order to meet this ever-increasing demand for unclassified videotapes, P&PG opened its new Videotape Replication Center [] This center has 200 recorders on-line, and has tripled P&PG's replication capability. This center is managed by one P&PG staff employee with WAE employees performing the majority of the replication tasks. These WAE's are cleared only to the Secret level, thereby significantly reducing the time required to hire and clear employees to perform this unclassified videotape replication. []

25X1 8. Printing and Photography Group continues to stay abreast of trends in the printing and publishing industry, and has recently established a consultant position for all Agency components to assist in the selection of software for Desktop Publishing. Also, P&PG is in the process of acquiring hardware and software to incorporate desktop publishing into P&PG's electronic prepress system. This will allow users of certain desktop publishing systems to electronically transmit files to P&PG for output on existing phototypesetters in order to obtain high quality output for those publications destined for traditional printing. []

9. Printing and Photography Group (P&PG) placed a Canon Color Laser Copier into service in the Photography Branch. This device has been nothing short of phenomenal. Not only has the color copier allowed the Group to offer an expedited turn around for its customers, but it has also eased the priority workload of the Color Section. The Canon copier generated more than 6,000 prints in it's

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25X1 first four weeks of operation. Satisfied customers have come from all Agency components and the intelligence community. Some products have been delivered to the White House. In addition, this copier has brought new customers to P&PG. [REDACTED]

25X1 12. Copier Management--Effective 1 September 1988, the Printing and Photography Group initiated an enhanced Agency Copier Management Program (ACMP) to provide total support to copier users in the Washington Metropolitan area. The ACMP combines the former activities of several OL components under a single component, establishes a customer service representative position, incorporates portable bar code technology and initiates a complete Copier Supply Program. The results of this enhanced ACMP are improved efficiency, responsiveness and support to Agency copier users [REDACTED]

13. Customer Service Center--In conjunction with a coordinated effort to improve total Printing & Photography Group support to Agency-wide customers, a P&PG Customer Service Center has been

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25X1 established in the Original Headquarters Building. Located in the GJ Corridor, this Center provides Agency-wide consultative and planning support for the whole range of P&PG production services. The Center is headed by the P&PG Assistant Production Manager. Following the completion of scheduled renovations in early FY89, a staff of "expert" production personnel will join the Assistant Production Manager to serve as customer service representatives on all facets of P&PG support. [redacted]

25X1 14. Improved Customer Services--During this fiscal year, the Printing & Photography Group has taken significant steps toward improving customer relations and responsiveness. These improvements include: (1) planning and implementing a P&PG Customer Services Center in the Original Headquarters Building; (2) establishing a Customer Relations Task Force composed of all levels of P&PG production and management personnel; (3) selecting "high visibility" P&PG production and management personnel to attend a national Printing Customer Services Seminar in January 1989; (4) initiating an enhanced Agency Copier Management Program (ACMP), administered through P&PG, which provides "total" logistics support to copier users in the Washington Metropolitan area; (5) establishing a Customer Service Representative, within the ACMP, to eliminate many former customer "chores" while ensuring continuing "total" support and providing face-to-face access to ACMP support for copier users; and (6) identifying funds, beginning with FY89, to share the cost, with the requesting Agency component, of producing unclassified printed material through outside printing companies when resources or time constraints do not permit in-house production by P&PG. [redacted]

25X1 15. Bar Code Technology -- By analyzing the potential of current bar code technology, the Printing & Photography Group has successfully implemented the use of a portable bar coding system into its existing Management Information System (MIS). By "wandering" job and production information into a portable bar code reader for later upload to the MIS mainframe, the need for labor-intensive manual inputting of this information has been eliminated. Although the speed and efficiency of producing job tracks or recording production statistics has been greatly improved, P&PG plans to install bar code "wedges" into plant-wide personal computers during FY89. These wedges will permit the instantaneous updating of data to the MIS mainframe and result in a "real-time" picture of job status and production activity. [redacted]

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